



ARTICLE ROUND UP



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MAY 2013

SPOTLIGHT: EDUCATION IN DIGITAL AGE

1. "Children, Teens, and Entertainment Media"

[Common Sense Media](#). *Education Digest*, April 2013, 10 pages.

This survey explores the impact of entertainment mass media and computers on students' academic achievement and social development through the views and experiences of classroom teachers.

2. "Teaching 'by Hand' in a Digital Age"

[Joseph Harris](#). *The Chronicle of Higher Education*, March 29, 2013 Chronicle Review, 2 pages.

The author, a teacher of digital writing and creative nonfiction at Duke University, discusses digital versus face-to-face learning, focusing on the importance of a college professor's personal attention which cannot be duplicated in an online course environment.

3. "Practicality in Virtuality: Finding Student Meaning in Video Game Education"

[Timothy Barko](#) and [Troy Sadler](#). *Journal of Science Education & Technology*, April 2013, 9 pages.

The authors examine the conceptual differences between video game learning and traditional classroom and laboratory learning. They explore the notion of virtual experience by comparing a commonly-used high school laboratory protocol on DNA extraction with a similar experience provided by a biotechnology-themed video game.

4. "Caps on Data Use Dim Online Learning's Bright Future"

[Lennett, Benjamin](#); [Kehl, Danielle](#). *The Chronicle of Higher Education*, Mar 4, 2013, 2 pages.

The US should embrace the potential benefits of online education. But the disparities that may keep many from taking advantage of those innovations cannot be ignored. In the 21st century, ensuring equal access to education may also depend upon equal access to broadband.

THE AGE OF SOCIAL MEDIA

5. "The Rise of Big Data"

[Kenneth Cukier](#) and [Viktor Mayer-Schoenberger](#). *Foreign Affairs*, May/June 2013, 14 pages.

The authors discuss how the increasing quantities of digital information, so-called big data, might change the way humans interact, communicate, and learn. They also examine how it marks a transformation in how society processes information.

6. "Embracing the Archives"

[Lauren Sin](#) and Katie Daugert. *Computers in Libraries*, March 2013, 6 pages.

The authors explore how National Public Radio (NPR) librarians converted their collection into a new content management system (CMS) called Artemis, and the challenges of promoting the system to NPR journalists, editors and producers as an effective workflow tool that can help them search, review, download, and mix information into sound bites to create a sound-rich and diverse finished product, all without leaving their desks.

7. "Designing Social Media Strategies for Effective Citizen Engagement: A Case Example and Model"

[Thomas A. Bryer](#). *National Civic Review*, Spring 2013, 8 pages.

How can cities best use social media and networking tools to engage citizens in the process of urban land use and infrastructure planning? The author, an assistant professor and director of the Center for Public and Nonprofit Management in the School of Public Administration at the University of Central Florida, discusses the strategies of using social media to encourage citizens' civic engagement in social, economic and political issues regarding their community.

THE UNITED STATES AND WORLD AFFAIRS

8. "The United States and Asia in 2012: Domestic Politics Takes Charge"

[Douglas Paal](#). *Asian Survey*, January/February 2013, 10 pages.

The author, vice president for studies at the Carnegie Endowment for International Peace, explores domestic politics in key Asian-Pacific countries in 2012, and U.S. position in the region during the past year.

9. "Delusions of Indispensability"

[Ted Galen Carpenter](#). *National Interest*, March/April 2013, 9 pages.

The author, a senior fellow for defense and foreign policy studies at the Cato Institute, discusses the dispensable thesis and the concepts of U.S. leadership in world affairs, hegemony, and multilateralism.

10. "Birth of a Pacific World Order"

[Patrick Mendis](#). *Harvard International Review*, Spring 2013, 6 pages.

The author, a distinguished senior fellow and affiliate professor of public and international affairs at George Mason University's School of Public Policy, examines the fate of the Pacific order with the current Chinese President Xi Jinping and America's first Pacific president. Barack Obama.

11. "The Clinton Legacy"

[Michael Hirsh](#). *Foreign Affairs*, May/June 2013, 10 pages.

The author, chief correspondent for National Journal, discusses the political legacy of former U.S. Secretary of State Hillary Clinton, particularly her efforts to repair the global image of the U.S. through soft diplomacy following the unilateral policies of the former president George W. Bush, and her emphasis on assisting the economic development of foreign countries with the aim of creating social stability.

ECONOMIC GROWTH AND TRADE

12. "A Tale of Two Trade Deals"

[Clyde Prestowitz](#). *Washington Monthly*, March/April 2013, 5 pages.

The author, founder and President of the Economic Strategy Institute, discusses the economical and geopolitical implications of the Trans-Pacific Partnership (TPP) and the Transatlantic Free Trade Agreement (TAFTA), for the United States; and how the two trade deals would fit into the U.S. grand strategy.

13. "The Elephant Hiding in the Room: Currency Intervention and Trade Imbalances"

[Joseph E. Gagnon](#). *Peterson Institute for International Economics Working Paper 13-2*, March 2013, 36 pages.

The author, a senior fellow at the Peterson Institute for International Economics, analyzes the problem and the implications of global current trade imbalances and the efficiency of international financial markets.

14. "Three Ways to Bring Manufacturing Back to America"

[Anne Kim](#). *Washington Monthly*, March/April 2013, 6 pages.

Can 'insourcing' save America's economy? The author, a senior fellow at the Progressive Policy Institute, discusses several ways to bring manufacturing back to the United States, focusing on how to take advantage of the 'insourcing' trend.

15. "The Austerity Delusion"

[Mark Blyth](#). *Foreign Affairs*, May/June 2013, 16 pages.

The author, Professor of International Political Economy at Brown University, discusses the ineffectiveness of austerity, or reduction of public spending, as a method of encouraging economic growth and recovery, with a focus on the U.S. sequestration in 2013.

16. "Terminated"

[Kevin Drum](#). *Mother Jones*, May/June 2013, 7 pages.

What do we do over the next few decades as robots become steadily more capable and steadily begin taking away all our jobs? The author, a political blogger and columnist, examines how the onset of artificial intelligence in the twenty-first century will affect the global economy and impact employment.

GLOBAL ISSUES AND ENVIRONMENT

17. "How Innovation Could Save the Planet"

[Ramez Naam](#). *The Futurist*, March/April 2013, 8 pages.

The author, a fellow of the Institute for Ethics and Emerging Technologies, discusses social and environmental problems such as population, peak oil, and climate change that could be prevented through the promotion of innovation.

18. "The Origins of Creativity"

[Heather Pringle](#). *Scientific American*, March 2013, 8 pages.

When did the human mind begin churning with new ideas for technology and art? The author, a science writer, discusses research in human evolution, focusing on archaeological discoveries that highlight the social and biological factors contributing to the human capacity for innovation and creativity.

19. "Own the Goals"

[John W. McArthur](#). *Foreign Affairs*, March/April 2013, 11 pages.

The author, a senior fellow at the UN Foundation, examines the achievements of the Millennium Development Goals, a United Nations program created by global leaders to expand efforts to aid the world's poor people and impoverished areas, and discusses a new framework of the goals that will expire on December 31, 2015.

20. "Green budgeting in an age of austerity: a transatlantic comparative perspective"

Russel, Duncan; Benson, David, *Environmental Politics*, 2013, 20 pages.

The integration of environmental concerns into government fiscal cycles, or green budgeting, is an increasingly popular means of pursuing environmental policy, but the global spread of green budgeting norms has been uneven. However, recent stimulus packages employed by advanced economies to promote economic growth integrate a strong green element. This raises questions about how the current desire for fiscal austerity interacts with existing factors that constrain or facilitate environmental policy via budgeting. By drawing on theoretical arguments that argue that macro 'politics matters' in budget composition, we develop an analytical framework for explaining budgeting practices. This framework is employed to examine green budgeting in two leading but otherwise contrasting industrialized economies: the United States and the United Kingdom. Our analysis suggests that key veto players have often set the green budgeting agenda in the current age of austerity.

GLOBAL POPULATION AND HEALTH

21. "Why Do Grandmothers Exist?"

[Judith Shulevitz](#). *The New Republic*, February 11, 2013, 4 pages.

The proportion of U.S. population over age 65 is markedly increased in recent years. The author, a chief science writer of The New Republic, examines the evolutionary and biological utility of post-menopausal women, and how society can benefit from the education and experience of retirees.

22. "The New Age of Medical Monitoring"

[Maryn McKenna](#). *Scientific American*, March 2013, 2 pages.

The author, a journalist and blogger, explores the use of mobile technologies in data-monitoring and analyzing health trends, particularly the remote monitoring of patients and the collection of surveillance data from untraditional sources.

LIBRARY STREND

23. "The Library's Future Is Digital"

[Piper, Paul S.](#) *Online Searcher*, Mar/Apr 2013, 4 pages

By the beginning of the 21st century, several trends in the evolution of libraries had emerged -- collaboration was a key to survival; technology would play an integral role; library as "place" would supersede a warehouse function; and digitization would prevail. In this article the author wants to explore two experiments that represent the perfect interweaving of these trends --HathiTrust and the Digital Public Library of America. These experiments in shared systems, metadata, and digitized content represent projects of a grand and grander scale. While there is no guarantee that either of these projects will be around, at least in current manifestation, it is almost certain that within 15 years their models will provide guidance for any large-scale library ventures of the future. HathiTrust is an extremely vibrant project, having grown to 60-plus libraries today. The concepts behind it are obviously

very attractive to libraries.

24. "Making Room for Innovation"

Goldenson, Jeff; Hill, Nate. *Library Journal* 138. 09, May 15, 2013, 4 pages.

In size, community, resources, and mission, the Harvard University Library and the Chattanooga Public Library (CPL) could not be much further apart. However, there are essential similarities beneath their differences. The 4th Floor grew from within the Chattanooga Public Library itself, the transformation of an overcrowded storage space into a vibrant community Maker space and event venue that's now a hot spot in town. The evolution of these spaces followed different trajectories and time frames, but information, and culture formed common guiding principles.

25. Linked data: the next big wave or another tech fad?

Breeding, Marshall. *Computers in Libraries* April, 2013, Vol.33(3), 4 pages

The article explores the importance of semantic web and open linked data in the future of library technologies. Tim Berners-Lee, who is the original creator of the Internet, formed the concepts of semantic web since its beginning but its potential was not realized until the web became a massive global network. OCLC is working to promote the advantages of linked data through its WorldCat solution, which includes the layering of Schema.org into its records.